

**REPLACEMENT ABSTRACT**

A personal computer configured for a connection to a network of computers including the Internet, comprising: a microchip including a microprocessor including a master control unit configured using hardware and firmware, and two processing units; an internal hardware firewall creating a protected portion and an unprotected portion of the microchip; said protected portion including said master control unit and one of the processing units, said unprotected portion including one or more of the processing units; said hardware firewall denying access to said protected portion by a network including the Internet; and said hardware firewall permitting access by another computer in the network including the Internet to one or more of the processing units included in the unprotected portion for an operation with said another computer in the network including the Internet ; and an active configuration of a circuit integrated into the microchip.